

#### ABSTRACT

A reagent for quantitative determination of cholesterol which comprises comprising, separately or as a mixture, a compound having stronger affinity with any lipoproteins except HDL in a blood sample than with HDL and selected from the group consisting of saponins, polyenes, cholesterol derivatives, phospholipids derivatives, bacitracin, polymyxin, suzycasylin and gramacidin, a surfactant exhibiting a stronger action on HDL than on the other lipoproteins, and a cholesterol determination reagent. The reagent can be used for selectively quantitating cholesterol.